



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

SWA3-3-OH
Job Sheet OH196573



Part No: SWA3-3-OH

Job Qty: 1 pcs

Part Name: Electric Swivel 3,000 lb Safe Work Load (1,360 kg)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 6/14/19

Job Tracking No:

Due Date: 8/2/19

Created By: Jennifer Renwick

Type: Rework - OH

Description: RA712 / Order 17146 / SN M578-01

Note: DWG SWA3-3 Rev 3 IPP Rev A 18.03.05 New issue DP verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	External Load - Issue SN	1 pcs	8/2/19	8/2/19	0.00	1.00	External Load - 1	JRL
							External Load - 2	
							External Load - 3	
115	External Load - 2 - B4B	1 pcs	8/2/19	8/2/19	0.00	1.00	External Load - 1 - B4B	AP 2019/06/24
							External Load - 2 - B4B	
							External Load - 3 - B4B	
120	QC 5	1 pcs	8/2/19	8/2/19	0.00	0.00	QC 5 - 10	N/A
							QC 5 - 12	
							QC 5 - 17	
							QC 5 - 18	
							QC 5 - 19	
							QC 5 - 22	
							QC 5 - 24	
							QC 5 - 3	
							QC 5 - 43	
							QC 5 - 49	
							QC 5 - 51	
							QC 5 - 58	
							QC 5 - 68	
							QC 5 - 9	
							QC 5 - 50	
							QC 5 - 30	
							QC 5 - 40	
130	Customer Acceptance	1 pcs	8/2/19	8/2/19	0.00	0.00		
140	Outsource - 2 - NDT per QSI038	1 pcs	8/2/19	8/2/19			SKY002-VC 5	2019-06-26
150	Packaging 2-1 - Receive - B4B	1 pcs	8/2/19	8/2/19	0.00	0.00	Packaging 2 - 1 - B4B	JUN 28 2019
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	

Date: 06/25/19

1 Kit = 2 pcs

Plex 6/14/19 3:24 PM Dart.Renwick.Jennife

				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
160	QC 6	1 pcs	8/2/19	0.00 0.00	QC 6 - 9
					QC 6 - 68
					QC 6 - 61
					QC 6 - 40
190	External Load - 4 - B4B	1 pcs	8/2/19	0.00 1.33	External Load - 1 - B4B
					External Load - 2 - B4B
					External Load - 3 - B4B
195	QC 5	1 pcs	8/2/19	0.00 0.00	QC 5 - 10
					QC 5 - 12
					QC 5 - 17
					QC 5 - 18
					QC 5 - 19
					QC 5 - 22
					QC 5 - 24
					QC 5 - 3
					QC 5 - 43
					QC 5 - 49
					QC 5 - 51
					QC 5 - 58
					QC 5 - 68
					QC 5 - 9
					QC 5 - 50
					QC 5 - 30
					QC 5 - 40
200	Packaging 3-1 - Stock - B4B	1 pcs	8/2/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B
					Packaging 3 - 9 - B4B
					Packaging 3 - 10 - B4B
					Packaging 3 - 11 - B4B
					Packaging 3 - 12 - B4B
					Packaging 3 - 13 - B4B
					Packaging 3 - 14 - B4B
					Packaging 3 - 15 - B4B
					Packaging 3 - 16 - B4B
					Packaging 3 - 17 - B4B
					Packaging 3 - 18 - B4B
					Packaging 3 - 19 - B4B
					Packaging 3 - 20 - B4B
					Packaging 3 - 21 - B4B
					Packaging 3 - 22 - B4B
					Packaging 3 - 23 - B4B
					Packaging 3 - 24 - B4B
					Packaging 3 - 25 - B4B
					Packaging 3 - 26 - B4B

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AP 2019/07/10

Mick 2019/7/5

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JUL 11 2019

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JUL 11 2019

				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
210	DC - 1 - B4B	1 pcs	8/2/19	0.00 0.00	DC - 1 - B4B
					DC - 2 - B4B
220	QC 21 - FG	1 pcs	8/2/19	0.00 0.00	QC 21 - FG - 21
					QC 21 - FG - 70
					QC 21 - FG - 53

Part Op 110 - Issue S/N

Descriptions: 115 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

120 - (QC5- Inspect part completeness to step on W/O)

140 - LIQUID PENETRANT INSPECTION AS PER QSI 038

150 - (Receive & Inspect for Damage & Mat'l Certs)

160 - (QC6- All purchased or subcontracted products) 1-Triage parts to be sent out for plating

190 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

195 - (QC5- Inspect part completeness to step on W/O)

200 - (Identify as per dwg & Stock Location: _____)

210 - Photocopy blue file manual and create labels

220 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA3-3-AR	Electric Swivel 3,000 lb Safe Work Load (1,360 Kg)	1 pcs (1 ea)	110-External Load - Issue SN	
188-FPSS-832-1/4	Set Screw	1 Ea (1 ea)	190-External Load - 4 - B4B	5165060
188-FSCS-1032-5/8	Flat socket cap Screw	4 Ea (4 ea)	190-External Load - 4 - B4B	5179122
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	190-External Load - 4 - B4B	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	190-External Load - 4 - B4B	
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge replace w/ 01004-08-047	6 ft (6 ea)	190-External Load - 4 - B4B	5179682
SWA3-100	Upper End - Swa3 Swivel	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA3-200	Lower End	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA3-300	Wire Clamp	2 pcs (2 ea)	190-External Load - 4 - B4B	
SWA3-400	Button Head Screw	2 pcs (2 ea)	190-External Load - 4 - B4B	5191068
SWA3-500B	Contact Spacer	1 pcs (1 ea)	190-External Load - 4 - B4B	
SWA3-600	O-Ring	1 pcs (1 ea)	190-External Load - 4 - B4B	5176842
SWA3-700	Bearing Balls - 1/4"	32 Ea (32 ea)	190-External Load - 4 - B4B	5192691
SWA6A-1900	1/4" Female Spade Connector	6 Ea (6 ea)	190-External Load - 4 - B4B	5192706
SWA6A-900B	Rotary Connector - 3 wire	1 Ea (1 ea)	190-External Load - 4 - B4B	5151541
600.1319	LP-DECAL	1		5173607

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-External Load - Issue SN	SWA3-3	1	0	0
190-External Load - 4 - B4B	188-FPSS-832-1/4	1	95	0
	188-FSCS-1032-5/8	4	115	0
	EL-PLUG-F	1	13	0
	EL-PLUG-M	1	19	0
	EL314-SJTOW	6	0	0
	SWA3-100	1	14	0
	SWA3-200	1	2	0
	SWA3-300	2	16	0
	SWA3-400	2	16	0
	SWA3-500B	1	6	0
	SWA3-600	1	21	0
	SWA3-700	32	501	0
	SWA6A-1900	6	96	0
	SWA6A-900B	1	7	0

Part Specifications

Specifications could not be found.

Plex 6/14/19 3:24 PM Dart.Renwick.Jennifer

Lactite 242 (M138933)
Silicone grease (M139008)
Aeroshell grease NO. 7 (S138964)

Inspection Sheet Complete

RA712

Customer QA Ref #

0

Part Number	Original Batch / Serial # / Ctrl #	Original Revision #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Original Container #	New (Receiving) Serial #	New Job #	Work order instructions
SWA8-2	M578-01		1	☒ Yes	☐ Yes	☐ Yes	☒ Yes	CUSTOMER SUPPLIED		S190401		Overhaul
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					
0			0	☐ Yes	☐ Yes	☐ Yes	☐ Yes					

QC Approval: _____ 0

Date: 0-Jan-00 _____

Special Return/Rework Instructions:



Overhaul Incoming Inspection
SWIVEL

Customer

OH196573/ RA712

Date

2019/06/24

Part Number

SWA3-3

Serial Number

M578-01

Additional Recommended Replacement Parts

Part Number to Replace

Customer Approval

(1) SWAGA-900B ROTARY SWITCH

☐☐☐☐☐☐☐☐☐☐☐

Inspected By

ALAIN PATRY



DATE: 2019/06/24

N.D.T

MODEL: SWA3-3

S/N : M578-01

Job : OH196573

RA.# 712

P/N	DESCRIPTION	QUANTITY
SWA3-100	UPPER END	1
SWA3-200	LOWER END	1

ALAN PATRY



Electric Swivel
SWA3

Work Order 196 573

Customer RA 712

Number of Wires 3

Date 2019-6-24

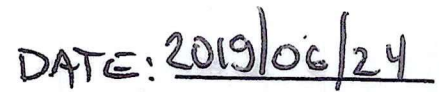
Serial Number M 578-01

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- <i>Fail</i>
1	3,000	Check all wires for grounding against swivel body.	-
1	1,500	Check for Conductivity against all wires.	-
1	1,500	Check all wires for grounding against swivel body.	-
1	750	Check for Conductivity against all wires.	-
1	750	Check all wires for grounding against swivel body.	-
1	0	Check for Conductivity against all wires.	-
1	0	Check all wires for grounding against swivel body.	-

Test Conducted By: Mehul Lalonde
Technician

Signature: _____
QC 5 Small FAB / QA

Submit



N.D.T

Job : OH196573

RA. # 712

[illegible]



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB043848



Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

Attention: Jenne, Heather

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043848

PO Date: 6/26/19

Due Date: 7/2/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments: Rafik taking parts with him

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	OH196492	SWA3-2-OH	Electric Swivel 3,000 lb Safe Work Load (1,360 kg) LIQUID PENETRANT INSPECTION AS PER QSI 038	Firmed	-	7/2/19	1 pcs	0 pcs	1 pcs	\$133.50/pcs	\$133.50
2	OH196573	SWA3-3-OH	Electric Swivel 3,000 lb Safe Work Load (1,360 kg) LIQUID PENETRANT INSPECTION AS PER QSI 038	Firmed	-	7/2/19	1 pcs	0 pcs	1 pcs	\$133.50/pcs	\$133.50
3	196083	C3-HC-OH	C-Series Remote Hook 3,000 lbs Lift Capacity With Cage LIQUID PENETRANT INSPECTION AS PER QSI 038	Firmed	-	7/2/19	1 pcs	0 pcs	1 pcs	\$133.50/pcs	\$133.50
4	OH195652	C60-OH	C-Series Remote Hook 6,000 lbs Lift Capacity LIQUID PENETRANT INSPECTION AS PER QSI 038	Firmed	-	7/2/19	1 pcs	0 pcs	1 pcs	\$133.50/pcs	\$133.50
Grand Total:											\$534.00



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB043848



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/28/19 8:21 AM Dart.Guerin.Kimberley

**skyservice****Work Order Traveler**
Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO40879	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: POHB043848
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	

Task: UNSCHEDULED**Sequence: 1****Work Required:**

CARRY OUT NDT ON :

(1) ELECTRIC SWIVEL (2 PCS) P/N# SWA3-2-OH , J/S# OH196492 ✓

(1) ELECTRIC SWIVEL (2 PCS) P/N# SWA3-3-OH , J/S# OH196573 ✓

(1) C-SERIES REMOTE HOOK (11 PCS) P/N# C3-HC-OH , J/S# 196083 ✓

(1) C-SERIES REMOTE HOOK (12 PCS) P/N# C60-OH , J/S# OH195652 ✓

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Action Taken.						Date:	Initial/Stamp:
LPI & MPI C/O IAW ASTM E-1417M-16 AND ASTM E-1444M-16 ***NO CRACK FOUND*** PEN , ZL-37 MPO#: 23206 CLEANER SKC-S MPO15030, EMU.(ZR-10B, MPO23451), DEV. MPO15030, UV LIGHT M-20142 MAGBENCH S/N 208123 CAL DUE: 25-SEP-2019 POWDER 14A BATCH# MPO13600 CARRIER II BATCH# MPO22794 BLACK LIGHT-M20186						JUN 27 2019 <i>RV</i>	 JUN 28 2019 DART AEROSPACE LTD.
Description	Location	P/N	Qty	Batch	S/N Off	S/N On	

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature:	ACA/SCA Stamp 	Date:
Name: RICARDO VARGAS		JUN 27 2019

SKYM002-1 REV 5 Apr/17



Overhaul Incoming Inspection
SWIVEL SWA3

Customer

OH196573/ RA712

Date

2019/06/24

Part Number

SWA3-3

Serial Number

M578-01

Additional Recommended Replacement Parts

Part Number to Replace

Customer Approval

(1)

SWAGA-900B ROTARY SWITCH



OK

*6-27-19
Approved*

Inspected By

ALAIN PATRY

*Sent to sales
6-27-19*

Jennifer Renwick

From: Jennifer Renwick
Sent: Thursday, June 27, 2019 2:02 PM
To: Lacey Cantin; Chantal Chartrand
Cc: Linda Lacelle
Subject: RE: RMA REQUIRED

Thank you. Are you going to give us one day?? ☺

From: Lacey Cantin <lcantin@dartaero.com>
Sent: Thursday, June 27, 2019 2:02 PM
To: Jennifer Renwick <jrenwick@dartaero.com>; Chantal Chartrand <cchartrand@dartaero.com>
Cc: Linda Lacelle <llacelle@dartaero.com>
Subject: RE: RMA REQUIRED

APPROVED ☺

Chantal can you please add \$336 to the unit price and add in the printed note "REPLACED ITEM SWA6A-900B"

Thanks,
Lacey

From: Jennifer Renwick
Sent: June 27, 2019 10:49 AM
To: Lacey Cantin <lcantin@dartaero.com>; Caitlin Crooks <ccrooks@dartaero.com>
Cc: Linda Lacelle <llacelle@dartaero.com>
Subject: RE: RMA REQUIRED

Hi Guys,

Please see the attached inspection sheet with extra parts needed. Please let me know once approval is rec'd.

RA712
Hydro One
Part# SWA3-3 (x1)
Serial Number M578-01
Job: OH196573

Thank you,
Jen

From: Jennifer Renwick
Sent: Friday, June 14, 2019 1:12 PM
To: Lacey Cantin <lcantin@dartaero.com>; Caitlin Crooks <ccrooks@dartaero.com>
Cc: Linda Lacelle <llacelle@dartaero.com>
Subject: RE: RMA REQUIRED

Hi Guys,

This overhaul has arrived.

RA712
Hydro One
Part# SWA3-2 (x1)
Serial Number M578-01

Please flip to open and use 8 weeks lead time as the current process. Once done can you please sent out order to all planning team.

Thank you!
Jen

From: Jennifer Renwick
Sent: Wednesday, June 12, 2019 11:59 AM
To: Lacey Cantin <lcantin@dartaero.com>
Cc: Caitlin Crooks <ccrooks@dartaero.com>; Linda Lacelle <llacelle@dartaero.com>
Subject: RE: RMA REQUIRED

Hi Lacey,

This was sent to Caitlin yesterday? Please see attached for reference.

Thank you,
Jen

From: Lacey Cantin <lcantin@dartaero.com>
Sent: Wednesday, June 12, 2019 10:54 AM
To: Jennifer Renwick <jrenwick@dartaero.com>
Subject: FW: RMA REQUIRED

Hi Jen,

Can I please have an RMA for the below?

Thanks!
Lacey

From: michelle.rowe@HydroOne.com [<mailto:michelle.rowe@HydroOne.com>]
Sent: June 10, 2019 2:10 PM
To: Lacey Cantin <lcantin@dartaero.com>
Cc: michelle.rowe@HydroOne.com
Subject: RMA REQUIRED

Hi there,

Can you please send me an RMA for the following:

SWA3-3
S/N M578-01

REPAIR REQUIRED
WIRES PULLED OUT
OVERHAUL REQUIRED

Thanks in advance.

Michelle Rowe
Hydro One Helicopter Services
Purchasing/Inventory Control
BAA
705 487 5315 Direct
705 487 1771 Hangar

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This e-mail message has been scanned by **SEG Cloud**

RETURN AUTHORIZATION



RA #: RA712
Date: June 11, 2019
Attention: Michelle Rowe
E-mail: michelle.rowe@HydroOne.com
From: Jennifer Renwick

RETURN ADDRESS

☒ Hawkesbury Dart Aerospace Ltd 1270 Aberdeen Street Hawkesbury, ON K6A 1K7, CA 1-613-632-3336	☐ Vista Dart Aerospace Ltd. 3030 Enterprise Court, Suite A Vista, CA 92081-8347, US 1-760-724-5300	☐ Broussard Dart Aerospace Ltd. 105 Dairy Lane Broussard, LA 70518, US 1-337-839-0500
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SHIPPING

Courier: Customers Choice
Account #: Customers Account

COMMERCIAL INVOICE INFORMATION

Item #1		Item #2	
P/N:	SWA3-2 3	P/N:	0
Special Return/Rework Instructions:	Swivel	Description:	0
Qty:	1	Qty:	0
Flown:	Yes	Flown:	0
Customs Value USD:	\$500	Customs Value USD:	\$0
Batch / Serial #	M578-01	Batch / Serial #	0
Item #3		Item #4	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0
Item #5		Item #6	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0

ADDITIONAL RETURN AUTHORIZATION INFORMATION

- Print RA form, complete Part Disposition section and include a copy with the shipment.
- Ensure the RA number is referenced on all documents. Failure to do so may result in delivery refusal.
- Ensure the shipment is directed to the correct facility referenced above. Failure to do so will result in delays and additional shipping costs.
- Commercial invoice must include the following statement: "Parts are aircraft parts being returned to the manufacturer."
- International shipments require commercial invoice attached to the outside of the box.
- Where applicable, the original Release Certificate, STC's, Installation Instructions, Maintenance Manual Supplement, Flight Manual Supplement, packing slips and removable tag must accompany the shipment.
- Return authorization expires in 30 days. If no charge products were supplied, these will be invoiced upon expiration of the RA.
- Returned items will be fully inspected by Quality Control and credit will be issued for items deemed to be new, un-flown, traceable and to the current revision.
- A 15% minimum restocking fee applies, additional fees may apply upon receipt and inspection if items require rework or cannot be returned to stock
- Items should be adequately packaged to prevent shipping damage.
- For complete terms & conditions, visit www.dartaerospace.com

PART DISPOSITION (To be completed and returned by customer)

Reason for return:



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

QUOTE ACKNOWLEDGEMENT

CUSTOMER	QUOTE
Customer Code: CHYDR01 Sold To: Hydro One Networks Inc Lake Simcoe Regional Airport RR #2, 224 Line 7, North Oro Station ON L0L 2E0 Canada Phone: 1 705 487 5315 Ship To: Hydro One Networks Inc Lake Simcoe Regional Airport RR #2, 224 Line 7, North Oro Station ON L0L 2E0 Canada Phone: (705) 487-1771	Quote No : 17146 Date: 6/11/19 Ship-To Contact: Michelle Rowe Email: michelle.rowe@hydroone.com Cust PO No: FOB: Shipping Point Ship Via: Freight Terms: PrePaid Terms: Net 30 INCO Terms: Order Taker: Caitlin Crooks Order Taker Phone: Order Taker Email: ccrooks@dartaero.com

Line No	Due Date	Ship Date	Part	Description/Note	Quantity	Unit	Price	Unit	Extended Price
1			SWA3-3	Electric Swivel 3,000 lb Safe Work Load (1,360 kg) OVERHAUL S/N M578-01	1	pcs	\$650.00USD	pcs	\$650.00 USD
Sub Total									\$650.00
Tax									\$84.50
Sub Total									\$734.50 USD
Grand Total									\$734.50 USD

ORDER NOTES

Lead Time 8 Weeks After Receipt of Order RA712

PLEASE CONFIRM TRACKING NUMBER ONCE ITEM HAS SHIPPED- DELAYS MAY OCCUR IF NOT PROVIDED

All Prices Quoted In USD & Valid For 30 Days. All Parts Subject To Prior Sale & Are Ex-Works Manufacturing Facility In Hawkesbury, ON, Canada

Duties And Taxes Not Included In Quote

Freight Not Included In This Quote

Pricing may be revised upon receipt and inspection of unit. Revised quote will be sent to also include extra parts/time needed to perform repairs other than regular overhaul

PURCHASE ORDER

PO No: 20190162

Hydro One Networks Inc.
 Lake Simcoe Regional Airport
 224 Line 7 N. R.R.#2

Priority: Normal

Date: 2019/06/12

Oro Medonte, Ontario, Canada, L0L 2E0

Phone: (705) 487-1771 Fax: (705) 487-6261

Attn: Vendor: DART AEROSPACE LTD 1270 ABERDEEN STREET Hawkesbury Ontario K6A 1K7 Phone: 1 613 632 3336		Ship To: HYDRO ONE Attn: LAKE SIMCOE REGIONAL AIRP 224 LINE 7 N. ORO-MEDONTE State: ON Country: CANADA	
Salesman: Fax: 1 613 632 4443		Post Code: L0L 2E0	

Item	Part #	WO#	Qty	Unit	Cond.	Control Code	Cost	Total
1	SWA3-3		1	REP		INV	0.00	0.00

Description: SWIVEL
Serial #: M578-01
Comments: REPAIR REQUIRED FOR PULLED WIRES
 OVERHAUL REQUIRED

PLEASE REFERENCE YOUR RMA RA712

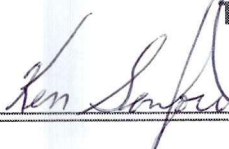
Terms and conditions of this order

All items listed on this purchase order must meet applicable Airworthiness standards.

FORM ONE REQUIRED OR 8130-1

ELECTRONIC EQUIPMENT:

RETURN WITH CONFIGURATION SETTINGS AS RECEIVED

Ship Via:	Page 1 Sub Total:	0.00
Terms:	Tax (0.00%) Sub Total:	0.00
Ordered By: MICHELLE	P/O Total Freight Charge:	0.00
Approved By: KEN SANFORD 	Purchase Order Total:	0.00

968-9435:0
rev. 00-01

HYDRO ONE NETWORK SERVICES INC.
HELICOPTER SERVICES
224 Line 7 N, RR2, Oro Medonte, Ontario L0L 2E0
704-487-1771

packing list for material shipped

[illegible]



Electric Swivel
SWA3

Work Order 196573

Customer RA 712 Order 17146

Number of Wires 3

Date 2019-7-10

Serial Number M578-01

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- Pass
1	3,000	Check all wires for grounding against swivel body.	- Pass
1	1,500	Check for Conductivity against all wires.	- Pass
1	1,500	Check all wires for grounding against swivel body.	- Pass
1	750	Check for Conductivity against all wires.	- Pass
1	750	Check all wires for grounding against swivel body.	- Pass
1	0	Check for Conductivity against all wires.	- Pass
1	0	Check all wires for grounding against swivel body.	- Pass

Test Conducted By: Michel Lalonde
Technician

Signature: Sylvie Boucher
QC & Small FAB / QA

Submit